

MINES, MINING, LOCAL STOCKS AND COPPER

Cochise County Very Rich Outside of the Big Warren District

Bisbee Mines and Enormity of Their Output Overshadowed the Balance of the County. This Fact, However, does not Prevent the Outside Mining Districts from Forging Ahead at a Very Remarkable and Consistent Rate.

Tombstone, the Whetstones, the Huachuclas, Johnson, Dos Cabezas, Pearce, Gleeson, Courtland and the Chiricahuas Hold Much Promise for the Mineral Future of Cochise. Bisbee's Development Has Just Been Started with Wonderful Future.

Cochise county, from the standpoint of many a resident and surely from that of those who have merely heard of the subdivision of the State of Arizona, consists of about three elements — the mines at Bisbee, the smelters and Mexican troubles at Douglas, and frontier history at Tombstone. But in Bisbee is personified the standby of the county, in the minds of the many. How unfortunate it is consequently that the general public does not appreciate the width and depth of Cochise county's wonderful and diversified category of mineral producing sections.

Bisbee, of course, is head and shoulders ahead of any other mining district in Cochise county, the State of Arizona or the Southwest. Its product is known wherever the metal mining business is known. It has produced millions of pounds of copper and millions of dollars and many millionaires, besides aiding in the upbuilding of the nation's greatest mineral storehouse. Bisbee deserves all of its fame, but the other towns in Cochise county deserve their mention.

Tombstone, famed by Alfred Henry Lewis, is noted principally for its history, its bonanza days and its wealth of anecdote. Few realize that it is producing thousands of dollars worth of manganese every day and that there are thousands of dollars, in silver ore, or many dumps within range of its railroad, waiting smelting capacity to be turned into actual dollars.

The Huachucla mountains, a veritable wonderland, situated in the western part of the county, houses millions. Development work, however, has been lacking on any considerable scale and the fame of these mountains is hardly known outside of the county. Placer workings in the Huachuclas have produced many thousands of dollars. They are being worked at the present time and the copper holdings are numerous. Besides being the most beautiful retreat in the summer for Bisbee and Douglas folk the Huachuclas will some day come into their very own. And that will be enormous.

Take the Whetstone. Two Peaks is in its infancy but it is a particularly promising infant. The activity in that particular section has brought many people into the country and some very promising properties are being looked over.

About 45 miles from Bisbee, sticking its impudent nose out of the Sulphur Springs valley, is a small mountain (speaking in terms of the west). It resembles any number of other knobs peeping out of the valley, except in the matter of its content—Silver.

For the Pearce hill has produced a matter of \$25,000,000 in silver in its time. The Commonwealth Mining and Milling Company is working the old ground at the present time and producing. On the southside of this treasure house is located the property of the Commonwealth Extension. It is down 235 feet and work is being done on the 220 level. Rich silver ore is being taken from the property and an optimistic guess is not overdoing any forecast of the future for the mine.

Gleeson and Courtland, situated between Pearce and Bisbee, and hanging on the edge of the mountains which skirt the Sulphur Springs valley on the west are producing. Both have been more prominent than they are at present. But each is still producing to some extent.

The Dragoons present another section for careful investigation on the part of the curious investigator. Zinc and Copper are had in quantities. Many properties are in the embryo in that section and the time promises to come when the Dragoons will be the scene of some wonderful mines.

The Johnson and Cochise section is noted, at the present time for its production of tungsten. There are placers in that section to which the cowpunchers, dry farmers and tramps are turning their attention with excellent results. Besides these new workings the established mines are producing at a wonderful rate.

In the Dos Cabezas range, southeast of Wilcox and south of Bowie, is found the Mascot mine. This company is producing copper but advises from there tell of the discovery of gold. Other likely looking gold properties are now under development and investigation.

The Chiricahuas, in the eastern part of the county, have mineral. The extent has not been proved but it is there, nevertheless.

This does not include any smaller number of other sections of Cochise county which are contributing their quota to the riches of the state.

The balance of Cochise county is so overshadowed by the enormity of Bisbee and the extent of its resources that it has hardly a chance. The balance of the mines is laboring under a certain disadvantage due to these circumstances.

The older men in this county have seen Bisbee grow from a small camp to a large and important one. They have seen other camps spring up and die. They are witnessing a spurt in Tombstone which promises to rejuvenate that old property. The young men of today will live to see many of the now baby camps in the county make big mines.

And with this optimism as to the balance of the county Bisbee promises to still hold the lead. There was a time when the Mag shaft, the first working of the Calumet and Arizona company was thought out of the ore zone. Now

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MUCH ACTIVITY HAD IN BOWIE SECTION

Several New Mining Companies Organized to Develop Properties in and About Dos Cabezas.

BOWIE, May 13.—The mining country south of here in the Dos Cabezas Mountains is at present attracting considerable attention and two companies have recently been organized to develop properties in that section and others are being formed, besides a number of individual owners who are doing development work and taking out ore. The present price of silver, 78 cents per ounce will allow the working of many claims that have been idle for a number of years.

work on the Fair View Group and has had some sample tests made of the various ores from that property. A recent assay of the silverlead ore taken from one of the largest veins carries a good percentage in lead and about thirty ounces of silver. The ledge is said to be three or four feet wide. Most of the workings in the property some 1500 feet all together, shows a sulphide quartz of lower values. It is the intention of the company, as soon as possible, to install a 50 ton concentrator as the first unit of a larger one. It is estimated the ore can be mined and concentrated for about \$4.00 per ton, concentrating ten tons into one. The outlook for the company at the present time is most encouraging.

New Company Formed.
The Apache Pass Gold Mining Co. is the name of the other company that was organized during the past week. The incorporators are J. A. Stanfield of Fleetwood, Oklahoma, T. J. Quillan and T. K. Mitchell. The capital stock is placed at \$1,000,000 with the same number of shares at a par value of \$1.00 each. The company has taken over the Quillan properties.

This group has been worked for over ten years, is free milling quartz, and the richest ore has been of sufficient values to transport to a stamp mill and have milled.

Recently a small stamp mill was erected and is now working on the property with excellent results in a small way. It is the intention of the new company to put in a large mill at once, possibly a 50 ton mill. There are 18 claims in the group, crossed by many rich quartz veins. At the depth of 85 feet in one shaft a cross cut north developed the fact that all the ground between the two veins is rich in gold carrying as 25 dollar values. The eighteen claims cover over 300 acres of ground.

The claims are located on the south slope of Apache Pass, 12 miles south of Bowie.

Other Properties.
Captain Vurne is making arrangements to open up his group of claims that are located in the vicinity of Pt. Bowie. He has interested eastern capitalists in them and expects to have a force of men at work on them in the near future.

H. H. Smith and associates who have located the Emigrant group of five claims are doing considerable development work.

Bisbee parties who are interested in a group near the Old Marble Quarry are getting ready to begin active operations. They have an excellent showing and with the selling price of silver can begin taking out shipping ore.

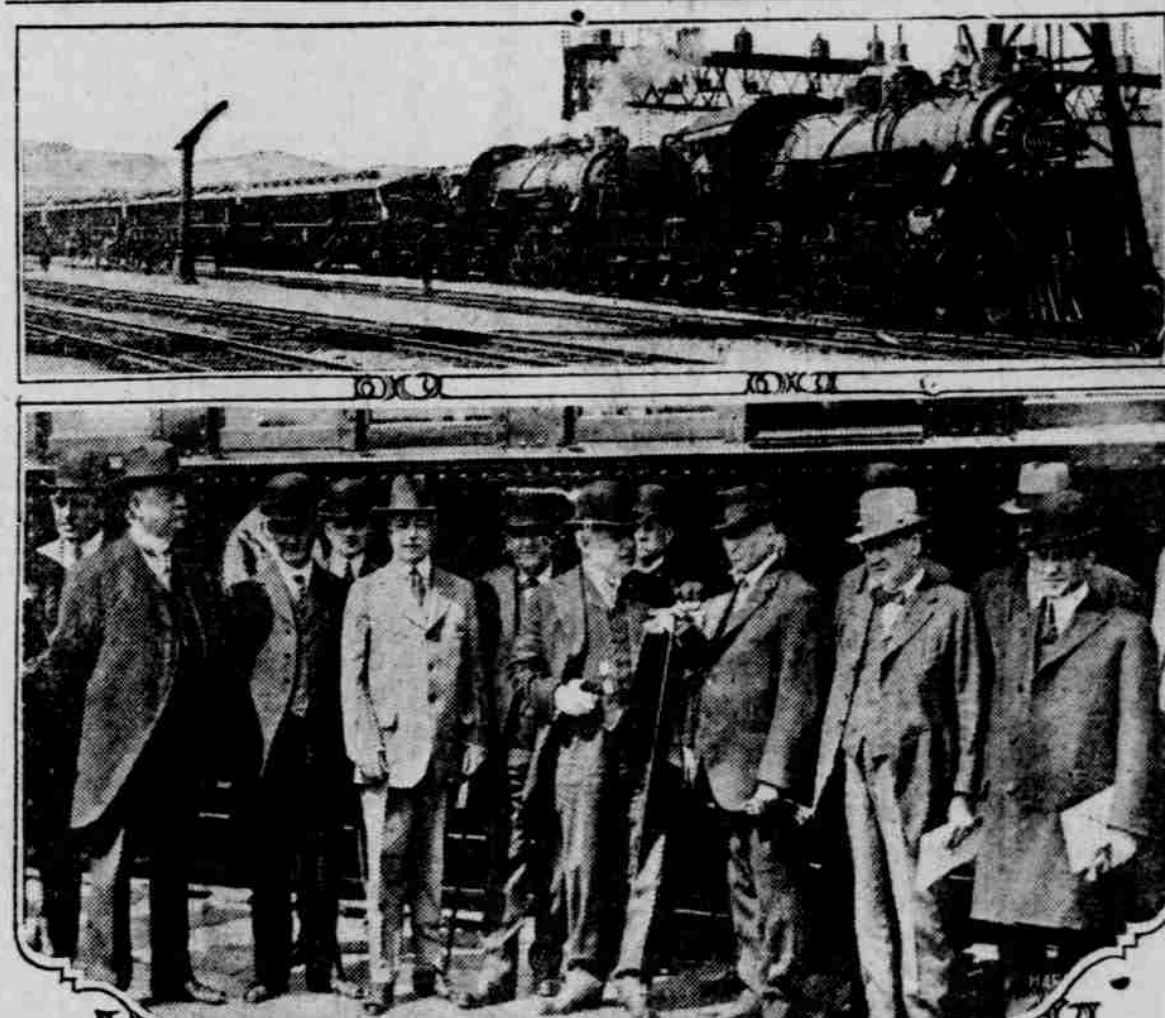
BUTTE MINING MAN IS BEHIND NEW COMPANY

J. F. Saville of Montana Mining Fame Is Interested In New Oatman Project

Mr. J. F. Saville, a mining man, and for many years a resident of Butte, who has heavy holdings in the Butte and Coeur d'Alene districts, is one of the backers of the Oatman Champion. Mr. Saville visited Oatman in the latter part of 1915 and spent several weeks in selecting a property for himself and friends. Mr. Saville says that he was on the ground early enough to get his pick of the different groups offered and he chose the famous Black Wonder Group on account of the prominent cinnabar and the showing in the tunnels and crosscuts having been done previous to his coming to Oatman. Mr. Saville thinks that Oatman will be one of the most remarkable mining camps in the Southwest. Having covered the district thoroughly, he looks forward when the investing of "mining money" will be at the disposal of the Oatman operators.

Mr. Saville has chosen men of high integrity and good mining ability to manage the property. These men need no introduction in Arizona. They are H. E. Chesser & Co. of Los Angeles, are the brokers handling the Oatman Champion stock.

UNCLE SAM'S SAFETY-FIRST TRAIN VISITS MANY CITIES;
• SHOWS PEOPLE HOW GOVERNMENT SAVES LIVES AND PROPERTY



The Safety-First Special; members of Wilson's cabinet seeing the train off.

President Wilson and his cabinet witnessed the start of the United States government Safety-First Special which left Washington a few days ago for a visit to several hundred cities in every section of the country. The train, consisting of twelve steel coaches containing exhibits which illustrate the work of the various federal bureaus in saving life and property, is drawn by two engines. Each car carries the U. S. seal.

TWO PEAKS MINE IS GOING AHEAD WITH MUCH DEVELOPMENT

Whetstone District Gives All Prospects of Taking On Added Life Through Work of Recent Organization.

HUACHUCA SIDING, May 13.—Reports reach here from the property of the Two Peaks mining property that everything is moving along nicely. The work on the new wagon road to the property is nearly completed and it is thought that the end of the present week will see the work done so that ore shipments can be made. The work of installing the new compressor is being rushed so that connections can be made and the air drills installed. All of the workings still continue to show sulphide ores of a low grade. Ore believed to be vanadium was uncovered in some development work that was being done in the Devil's Cache claim of the company, which is the most southeast claim of the group.

A new strike was made on the Boot Jack claim, belonging to other parties during the past week and an option was taken on the claim by the Two Peaks company. The vein carries high values in gold, silver and lead and can be traced on the surface into the Two Peaks ground and is supposed to be a continuation of the cinnabar from the Buck claim. There are four claims in the group on which the option was taken. The price involved has not been made public as yet but is said to be a good figure.

General Manager Barney Harmon of the Two Peaks Company, is at present in Oklahoma City where he is conferring with a number of bankers in that city with a view of their taking over a considerable block of the treasury stock. He expects to return within the next week or ten days.

William H. Kinnon, an El Paso engineer, was out during the past week and made an examination of the G. J. Peterson property on the other side of the mountains from the Fort and was much pleased with the showing that he found there. Peterson has been busy getting out another car of ore for shipment to the Douglas smelter.

A petition that has been signed by nearly all of the residents of this section has been sent to Congressman Carl Hayden at Washington asking for his aid in securing the cutting off of the south end of the Whetstone forest reserve from the Coronado reserve on account of the many mineral deposits that are being opened in that section. There is but little timber in that part that is asked to be cut off and should the request be granted it will be the means of greatly encouraging the mining activity of that section.

There is no work being done on the Gallen-Newman property at the present time. The option that was had on

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GOLDEN RULE IS OLD CAMP TO AWAKEN

Property South of Cochise is now in Process of Rehabilitation. Prospects Excellent for Good Mines.

COCHISE, May 13.—Another mining district is opening up south of here that promises to materially help the local conditions and make this place more prominent as a distributing point. The old Golden Rule property located about seven miles south of here is at present showing much activity.

The property was purchased several years ago by John Fairfax, a Virginia capitalist, who has worked up a community plan for eastern people in conjunction with the mining and milling feature.

Strike Gold.
A recent strike of an extensive ledge of \$54 gold and lead has caused much interest in the Manzana camp and the 20 stamp mill on the property is now being put in shape to operate to capacity. In connection with the operation of the mill, superintendent John M. Gallagher, formerly of Pearce, Ariz., is contemplating the installation of several more units of 22-inch crushers to handle the quantity of copper ore that is being offered for treatment. Among the adjacent mines are the Red Bird, gold property operated by Kene, Griffin and Nell; the Valley View, silver and lead; the Ivy mines, the Pass group, the Bignall gold claims, Manzana mines, the Adkins and Adkins tungsten properties.

Custom Mill.

Contracts have already been closed with most of the adjoining mine owners to treat the output for at least one year and the present 100 ton capacity of the Golden Rule mill will soon be reached. As there is no custom ore mill nearer than Douglas, and as the Manzana mill is accessible to the Dragoon, Johnson and Pearce districts, its operating will be a decided convenience to the many small mine owners in the vicinity. Superintendent Gallagher and Assistant A. K. Campbell are both well known mining men of Cochise county.

RICH GOLD ORE FOUND IN BLACK RANGE NEAR LOST BASIN DISTRICT

Pay Day Property Is Located In Hitherto Unknown Country Of Mohave County. "Gold Where You Find It"

That "gold is where you find it" was proven last week in the Black Range mountains to the south of the Lost Basin district when a three-foot ledge of excellent milling ore was opened up by F. E. Young and C. G. Walker on the Pay Day property. At a depth of only eight feet a three-inch stringer of high grade quartz showed up in the vein that assayed into the hundreds of dollars per ton. The importance of the find, as a whole, remains to be determined but at a depth of 12 feet there are indications that the ledge will widen.

The new discovery was made about 40 miles northeast of Kingman on an airline and 64 miles by road. The only accessible road to the new camp is to the east on the highway to Antares, thence north through the Wallapai valley past the Arizona-Nevada property at Music Mountain. The road is exceptionally good with the exception of the last seven miles from the water tanks on the Tap Duncan ranch.

The first persons to discover gold at the new camp are said to have been Jim Neilson, Lawrence Neilson and Dick Neilson about five months ago.

The Neilson boys are old mining men of Nevada and Utah. They have been prospecting in the Wallapai mountains and other Arizona districts for several years. They have confined their work principally to their True Blue property, which lays west of the Pay Day property of Messrs. Walker and Young. The True Blue property shows a ledge outcropping for more than 2500 feet and varying in width from two to more than 15 feet. According to George A. Bethune, a local assayer and metallurgist, this property shows gold values on the surface of from \$8 to \$80 per ton.

The region in which the discovery was made lays to the south of the Lost Basin district and between the Wallapai wash on the east and the Wallapai valley on the west at an elevation of 4000 feet. It was learned yesterday that the new region will be organized immediately as the Neilson district. The district is about three miles wide and 20 miles long.

The ledges run northeast and southwest and dip to the east. According to Mr. Bethune, who was formerly mining engineer for the Northern Pacific railroad and state chemist and mining inspector of Washington and who has just returned from the district, "the formation is that of Precambrian and granite with diorite enclaves and phonolite and is very similar to that of Music Mountain, where the Arizona-Nevada company is operating a 40-ton mill. The mica in the rock was disclosed by gold, as in the case of the celebrated Crinoid Creek, Colo. district. The veins in the district run from 2 to 14 feet wide and are of a close grained quartz, often times colored through the agency of Manganese

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SILVER SENDS TOMBSTONE INTERESTS HIGH

77 Cent and 78 Cent Silver Price Makes Many Dumps in District Excellent Prospects for Mining.

MANGANESE PRODUCTION GOES FORWARD

Bunker Hill Company Increases Its Force Materially and Old Camp is Taking On Prosperous Appearance.

TOMBSTONE, May 13.—With silver advancing and hovering around the 77 and 78 cent mark, there is certainly a silver lining to the cloud that has been hovering over the old camp for the past twenty years. With silver at the present price there is hardly a dump in the district that could not be handled at the present time and a profit made out of it were it not for the fact that the smelters are overstocked and are refusing the ore. But this fact is not going to keep a number of parties from going to work on their properties and getting out ore with the expectation that there will be a chance to get some shipments into the smelters.

The Bunker Hill Company is rapidly increasing its force and now has over five hundred men on the payroll and has increased their shipments to an average of five to six cars a day. The shipments not only include the manganese fluxing ores that are shipped to the smelters at Douglas and El Paso, but the concentrates that are shipped direct to the eastern steel markets, but from two to three cars a day of silver ore from the various properties.

The mill is running night and day on ore to concentrate from the Oregon and Escondido shaft and this is shipped east. The new ore bin at the mill has been completed so that the ore hauled from these mines is now sent directly to the conveyor belt direct into the mill. The usual shipment of bullion was made during the past week to the Selby Smelting Company at San Francisco.

At the Silver Thread and Tranquility the company has a force of men at work who are taking out regular shipments of silver-lead carbonate ores. These bodies of ore have been developed for some time but were of most too low grade to handle before but at present can be made to give excellent returns. There have been uncovered in both of these properties several bodies of high grade ore that will run several hundred ounces of silver to the ton to say nothing of the percentage of lead and about an ounce in gold. The company will not at the present time ship this class of ore but will devote their efforts to getting out the ore of the lesser values that can now be handled at a profit, as the other will provide good returns at any time.

At the Silver Plume, Emerald and Bunker Hill considerable development work is being done and ore is being taken out and hauled to the railroad and loaded. The same may be said of the Telephone.

The company has never made any effort to handle the water problem that caused the downfall of the old Tombstone Consolidated but have pumped about 100,000 gallons daily for the use of the mines and mill. The water has never reached its former level since the closing down of the Tombstone Consolidated and is now raising at a rate of from four to five inches a month. It is still considerably below the 600 foot level. The pumping of the one hundred thousand gallons seems to make no difference with the rate in which the water rises.

With silver at the present price the outlook for the company is much more encouraging than it has been since operations have been started by the Bunker Hill company. The present outlook is that silver will remain at the present price or even better on account of the conditions in Europe. Europe is hoarding its gold, and as the gold disappears from circulation silver takes its place. That requires a far larger volume of silver bullion for coinage purposes, and the increased demand raises the price just as it would in the case of any other commodity.

That the company is making good in the venture in the Tombstone district is welcome news to not only the

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